

CLAIMES

1. (amended) A motion picture editing method editing motion picture data played and output from a motion picture file 111, 113 stored on a recording medium 101 and having a motion picture data body formed by arranging time management information and motion picture data corresponding to said time management information in temporal order, said method comprising steps of:

previously specifying at least one playback range in the motion picture file 111, 113 and a playback time of said playback range;

appending information for managing the specified playback range and the playback time of the playback range to an area other than said motion picture data body on said recording medium 101 as edit information 112; and

outputting motion picture data of the specified range in said motion picture file 111, 113 at said specified time on the basis of said time management information and said edit information.

2. The motion picture editing method according to claim 1, further comprising a step of changing the time management information in said output motion picture data on the basis of said edit information 112 and creating a new motion picture file.

3. (amended) The motion picture editing method according to claim 1, further comprising a step of appending edit information including information for managing the playback time for said output motion picture data to an area other than the motion picture data body on said recording medium and creating a new motion picture file.

4. (amended) A motion picture editing method editing motion picture data played and output from a motion picture file 111, 113 stored on a recording medium 101 and having a motion picture data body formed by arranging time management information and motion picture data corresponding to

said time management information in temporal order, said method comprising steps of:

previously specifying at least one playback range in said motion picture file 111, 113 and a playback time of said playback range;

5        appending information for managing the specified playback range and the playback time of the playback range to an area other than said motion picture data body on said recording medium 101 as first edit information;

10        defining an edit result in said motion picture file on the basis of said time management information and said first edit information;

further specifying at least one playback range in said edit result and a playback time of said playback range;

15        appending information for managing the specified playback range and the playback time of the playback range to an area other than said motion picture data body on said recording medium 101 as second edit information; and

20        outputting motion picture data of the specified range in said motion picture file at the specified time on the basis of time management information in said edit result and said second edit information.

5. (deleted)

6. (deleted)

25        7. (deleted)

30        8. (amended) A motion picture editing apparatus editing motion picture data played and output from a motion picture file 111, 113 stored on a recording medium 101 and having a motion picture data body formed by arranging time management information and motion picture data corresponding to said time management information in temporal order, comprising:

means 121 specifying a desired playback range and a playback time

of said playback range;

means extracting specific information of said specified playback range and said playback time information;

means 122, 123 creating edit information on the basis of said  
5 extracted specific information and playback time information and recording said edit information in an area other than said motion picture data body on said recording medium 101; and

playback means playing said playback range at said specified time on the basis of said edit information.

10 9. (amended) The motion picture editing apparatus according to claim 8, wherein

said specify means 121 specifies a plurality of said playback ranges,

and

15 said playback means continuously plays said plurality of playback ranges.

10. (added) The motion picture editing apparatus according to claim 8 or 9, wherein

20 said playback means includes:

edit information read means 11 reading information for managing at least one playback range in the motion picture file and a playback time of said playback range,

25 playback object file extract means 12 extracting a prescribed motion picture file on the basis of the information for managing the playback range read in said edit information read means 11,

time management information read means 1 reading time management information in motion picture data included in the motion picture file extracted in said playback object file extract means 12,

30 playback time adjustment means 13 carrying out a prescribed operation on the time management information read in said time management information read means 1 and calculating a specified playback time on the basis of the information for managing the playback

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time read in said edit information read means 11,

compare means 3 comparing the specified playback time calculated in said playback time adjustment means 13 with a time counted by a playback timer 2, and

5 control means 4 outputting motion picture data of the specified range in said motion picture file on the basis of a result of comparison in said compare means 3.

10 11. (added) The motion picture editing apparatus according to claim 10, further comprising time management information change means 15 changing the time management information in the motion picture data output from said control means 4 to the playback time calculated in said playback time adjustment means 13.

15 12. (added) The motion picture editing apparatus according to claim 10, further comprising edit information appending means 16 appending edit information including information for managing the playback time for the motion picture data output from said control means 4 to an area other than the motion picture data body on said recording medium.

20 13. (added) The motion picture editing apparatus according to claim 12, wherein a new motion picture file including said motion picture data and the edit information appended to said motion picture data is created.

25 14. (added) A motion picture playback apparatus playing a motion picture file stored on a recording medium and having a motion picture data body formed by arranging time management information and motion picture data corresponding to said time management information in temporal order, comprising:

30 edit information read means 11 reading edit information appended to an area other than said motion picture data body on said recording medium 101 and including information for managing a playback time of said motion picture data;

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time management information read means 1 reading time management information in said motion picture data;

5 playback time adjustment means 13 carrying out a prescribed operation on the time management information read in said time management information read means 1 and calculating a specified playback time on the basis of the information for managing the playback time read in said edit information read means 11;

10 compare means 3 comparing the specified playback time calculated in said playback time adjustment means 13 with a time counted by a playback timer; and

control means 4 outputting motion picture data in said motion picture file at the specified time on the basis of a result of comparison in said compare means 3.

15 15. (added) The motion picture playback apparatus according to claim 14, wherein

said edit information includes information for managing at least one playback range in said motion picture file and a playback time of said playback range.

20 16. (added) The motion picture playback apparatus according to claim 14 or 15, further comprising time management information change means 15 changing the time management information in the motion picture data output from said control means 4 to the playback time calculated in said playback time adjustment means 13.

25 17. (added) The motion picture playback apparatus according to claim 14 or 15, further comprising edit information appending means 16 appending edit information including the playback time for the motion picture data output from said control means 4 to an area other than the motion picture data body on said recording medium 101.

30 18. (added) The motion picture playback apparatus according to claim 17,

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wherein a new motion picture file including said motion picture data and the edit information appended to said motion picture data is created.

- 5 19. (added) A motion picture editing method appending to a motion picture data body stored on a recording medium and formed by time management information and motion picture data corresponding to said time management information in temporal order edit information including information for managing a playback time of said motion picture data and creating a new motion picture file, said method comprising steps of:
- 10 preparing said edit information; and  
appending said edit information to an area other than said motion picture data body on said recording medium 101.
- 15 20. (added) The motion picture editing method according to claim 19, wherein  
said edit information is included in said new motion picture file.

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